

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method of producing composite vehicle door panels comprising:
manufacturing a skin in a vacuum-forming mold;
transferring the skin to a RIM mold;
applying natural fibers and an isocyanate and resin mixture onto the skin;
polymerizing the isocyanate and resin mixture, the natural fibers, and the skin into a composite vehicle door panel.
2. (Original) The method of claim 1 wherein the natural fibers are hemp, kenaf, sisal, flax, or jute.
3. (Original) The method of claim 1 further comprising the step of trimming the skin before natural fibers are placed on the skin.
4. (Previously Presented) The method of claim 1 further comprising the step of trimming the skin after the isocyanate and resin mixture, natural fibers, and the skin have polymerized.
5. (Original) The method of claim 1 wherein the natural fibers are provided as rovings.
6. (Original) The method of claim 1 wherein the natural fibers are provided as a mat.

7. (Original) The method of claim 1 wherein the natural fibers and isocyanate and resin mixture are applied to the skin simultaneously.

8. (Original) The method of claim 1 wherein the natural fibers are applied to the skin first and the isocyanate and resin mixture are applied onto the natural fibers.

9. (Currently Amended) A method of producing composite vehicle door panels comprising:

forming a skin;

transferring the skin to a RIM mold;

applying natural ~~[[fiber]]~~ fibers and an isocyanate and resin mixture onto the skin;

polymerizing the isocyanate and resin mixture in the presence of the natural ~~[[fiber]]~~ fibers and the skin to form a composite vehicle door panel.

10. (Previously Presented) The method of claim 9 wherein the natural fibers are hemp, kenaf, sisal, flax, or jute.

11. (Previously Presented) The method of claim 9 further comprising the step of trimming the skin before natural fibers are placed on the skin.

12. (Previously Presented) The method of claim 9 further comprising the step of trimming the skin after the isocyanate and resin mixture have polymerized.

13. (Previously Presented) The method of claim 9 wherein the natural fibers are provided as rovings.

14. (Previously Presented) The method of claim 9 wherein the natural fibers are provided as a mat.

15. (Previously Presented) The method of claim 9 wherein the natural fibers and isocyanate and resin mixture are applied to the skin simultaneously.

16. (Previously Presented) The method of claim 9 wherein the natural fibers are applied to the skin first and the isocyanate and resin mixture are applied onto the natural fibers.

17. (Previously Presented) A composite vehicle door panel comprising:
a formed skin;
a plurality of natural fibers; and
a polymeric material comprising the reaction product of isocyanate and a resinous mixture, the polymeric material joining the skin with the fibers.

18. (Previously Presented) The panel of claim 17 wherein the natural fibers are hemp, kenaf, sisal, flax, or jute.

19. (New) The method of claim 1 wherein the RIM mold is heated to 140 to 180°F after the skin has been transferred to the RIM mold.

20. (New) The method of claim 1 wherein the isocyanate comprises polymeric isocyanate having 30 to 34% free NCO.